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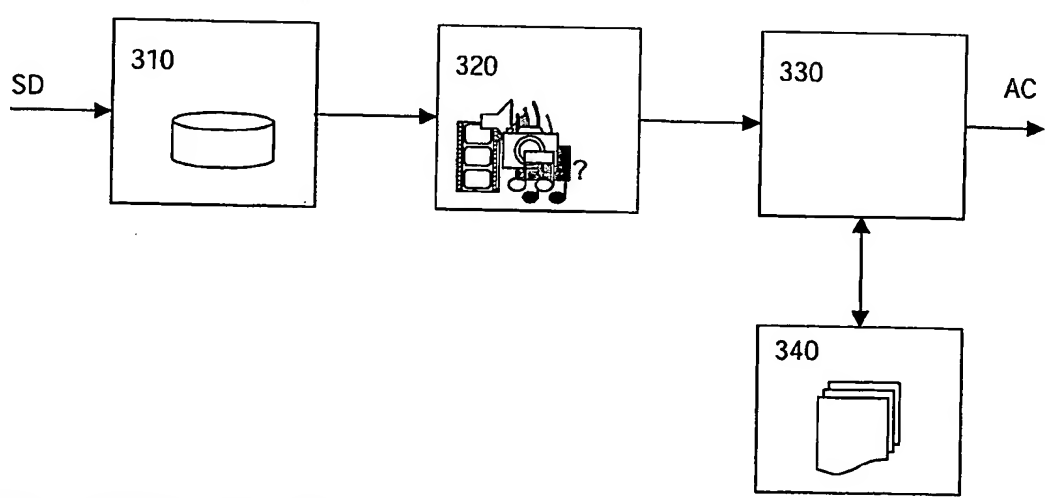
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(54) Title: **ALLOCATION CLASS SELECTION FOR FILE STORAGE**



(57) Abstract: The present invention relates to a method and storage device for storing data on a recording medium (40) by using allocation classes to optimize storage and retrieval of the data based on properties of their content. A type of data is discriminated based on a predetermined property of the data, and a usage pattern is tracked for discriminated types of the input data, so as to select the allocation class based on the usage pattern. Thereby, without the content source knowing or telling the type of content it produces, the storage of the same will be, at least after a while, optimal for the properties of the combination of content and storage device.

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